

ABSTRACT

A method and system based in part on a current network traffic determination and a predetermined acceptable Quality of Service parameter, the system sets a current state of available system services. In order to set the available
5 system services, the apparatus refers to a database containing a listing of services for a given network. The database includes a hierarchy of the services correlated to the amount of bandwidth necessary to provide a given service. The determination is made by the apparatus, as to whether the amount bandwidth necessary to provide a particular type of service would degrade the QoS below an acceptable level if the
10 service was provided on the network at the time of the determination. If degradation would occur, the service is made unavailable until the traffic level subsides to a point at which providing the service would not have an adverse affect on the QoS the network.